Index of Claims

| Appl | lication | Control | No. |
|------|----------|---------|-----|
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Examiner

08/903,743

CESAR B. PAULA

Applicant(s)/Patent under Reexamination

LONG ET AL.

Art Unit

2178

| <b>√</b> | Rejected |
|----------|----------|
| 11       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |          |         |               |          |          |  |  |                 |          |          |                        |          |          |          |                    |              | _               |          |                |          |          |            |               |         |              |          |          |              |
|----------|----------|---------|---------------|----------|----------|--|--|-----------------|----------|----------|------------------------|----------|----------|----------|--------------------|--------------|-----------------|----------|----------------|----------|----------|------------|---------------|---------|--------------|----------|----------|--------------|
| CI       | aim      | Date    |               |          |          |  | Cla  | Claim Date      |          |          |                        |          |          |          |                    |              | С               | laim     |                | Date     |          |            |               |         |              |          |          |              |
| Finat    | Original | 9/27/05 |               |          |          |  |  |                 |          |          | Final                  | Original | 9/27/05  |          |                    |              |                 |          |                |          | Final    | Original   |               |         |              |          |          |              |
|          | 1        | Ι,      |               |          |          |  |  |                 |          |          |                        | 51       | 1        | 一十       | $\dashv$           | ╅            | ╁               |          | $\vdash$       | 1        |          | 101        | _             | +       | T            | T        |          | $\top$       |
|          | 2        | -       | _             |          |          | 1  | <b>†</b>   | П               |          |          |                        | 52       | 不        |          |                    | 1            | t               |          | П              |          |          | 102        | $\Box$        | T       |              |          |          |              |
|          | 3        | \       |               |          |          |  |  |                 |          |          |                        | 53       |          |          |                    |              |                 |          |                |          |          | 103        |               |         |              |          |          |              |
|          | 4        | $\Box$  |               |          |          |  |  |                 |          |          |                        | 54       |          |          |                    |              |                 |          |                |          |          | 104        |               |         |              |          |          |              |
|          | 5_       | Ŀ       |               | _        | _        | ╙  | <u> </u>   |                 |          |          |                        | 55       |          |          | ┵                  | $\bot$       | <u> </u>        | Ш        | $\perp$        |          |          | 105        |               | $\perp$ | ┺            | L        | Ш        | $\perp$      |
|          | 6        | -       |               | _        | _        | ↓_   | ļ.,,   | Ш               |          |          | ļ                      | 56       | Ā        |          |                    | 1            | _               | Ш        |                | _        |          | 106        | _             | _       | ┸            | <u> </u> |          | $\dashv$     |
| -        | 7        | ١       | $\overline{}$ | <u> </u> | ┡        | ╄  | ļ  | Н               | _        | _        | <u> </u>               | 57       | 1        |          | 4                  | +            | 1               |          |                | 4        |          | 107        | _             | +       | $\bot$       | ├        |          | $\dashv$     |
| $\vdash$ | 8        | -       |               | ⊢        | ⊢        | ├  | -  |                 | $\dashv$ | _        | <u> </u>               | 58<br>59 | _        | -        | +                  | +            | -               | Н        | $\dashv$       | $\dashv$ |          | 108<br>109 | +             | +       | +            | ⊬        | Н        | +            |
| -        | 10       | h       |               | -        | -        | -  | -  | $\vdash$        | -        | -        | -                      | 60       | $\vdash$ | -+       | +                  | -            | ┼               | Н        | +              | -        |          | 110        |               | +       | +            | ╁        | Н        | -            |
| -        | 11       | H       | +             |          |          | $\vdash$   | ╁  | Н               | -        | {        |                        | 61       | $\vdash$ | $\dashv$ |                    | +            | $\vdash$        | -        | $\dashv$       | $\dashv$ | -        | 111        | -+            | +-      | ╁╴           | $\vdash$ | Н        | +            |
|          | 12       | ٧       |               | -        | -        | $\vdash$   | $\vdash$   |                 |          | $\dashv$ |                        | 62       | $\neg$   |          | ╁                  | +            | +-              | Н        | $\dashv$       | $\dashv$ | -        | 112        |               | +       | ╁            | ╁╌       | $\vdash$ | +            |
|          | 13       | Ė       | $\overline{}$ |          | H        |  | $\vdash$   | H               |          | $\dashv$ | $\vdash$               | 63       |          | $\dashv$ | $\top$             | +            | $\vdash$        | Н        | -              | $\dashv$ |          | 113        |               | +-      | †            | ╁        | Н        | $\neg$       |
|          | 14       | 1       | $\overline{}$ |          | 一        | <del>                                     </del> | T  |                 |          | _        |                        | 64       |          | $\neg$   | $\top$             | T            |                 | П        | $\Box$         | $\dashv$ |          | 114        | _             |         |              |          |          |              |
|          | 15       |         |               |          |          |  |  |                 |          | $\neg$   |                        | 65       |          |          | T                  | T            |                 |          |                |          |          | 115        |               |         | Ì            |          |          |              |
|          | 16       |         |               |          |          |  |  |                 |          |          |                        | 66       |          |          |                    |              |                 |          |                |          |          | 116        |               |         |              |          |          |              |
|          | 17       | Ц       |               |          |          |  |  |                 |          |          |                        | 67       |          |          |                    |              |                 |          |                |          |          | 117        |               |         |              |          |          |              |
|          | 18       | Ц       |               | <u> </u> |          |  |  |                 |          |          |                        | 68       |          |          |                    |              |                 |          |                |          |          | 118        |               |         | _            |          |          | $\perp$      |
| ļ        | 19       | Ц       | <u> </u>      |          | L        | <u> </u>   | L  | Ш               | _        |          |                        | 69       |          |          | $\perp$            | 1            | $oxed{oxed}$    | Ш        | _              | 4        |          | 119        |               |         | _            | ↓_       |          | $\bot$       |
| <u></u>  | 20       | Н       |               | <u> </u> |          | 1  | <u> </u>   | Ш               | $\dashv$ | _        |                        | 70       |          | _        | $\perp$            | $\downarrow$ |                 | $\Box$   | $\dashv$       | _        |          | 120        |               | 4       | ╀            | _        |          | _            |
| <u> </u> | 21       | H       | +             | <u> </u> | _        | ┝  | ⊢  | $\sqcup$        |          | _        | $\vdash$               | 71       |          | $\dashv$ | +                  | +            | -               | -        | _              | _        |          | 121        |               | +       | ╀            | ļ        |          | -            |
|          | 22       | H       | +             |          | _        | ┝  | H  | H               | $\dashv$ | -        |                        | 72       | $\vdash$ | $\dashv$ | -                  | +            | H               | $\dashv$ | $\dashv$       | 4        | _        | 122        |               | _       | +            | ╀        |          |              |
| -        | 24       | H       | +             |          |          | ┢  |  | <del>   </del>  | $\dashv$ | -        |                        | 73<br>74 |          | +        |                    | +-           |                 | -        | +              | _        | <u> </u> | 123<br>124 |               | +-      | ╀            | ┼        |          |              |
| $\vdash$ | 25       | ţ       | +-            |          | $\vdash$ | ┢  |  | $\vdash$        | $\dashv$ |          | <u> </u>               | 75       | $\dashv$ | -+       | +                  | +            | $\vdash$        | $\vdash$ | $\dashv$       | $\dashv$ | -        | 125        | +             | +       | ╁            | $\vdash$ | $\dashv$ | +            |
| -        | 26       | -       | _             | -        | ┝        | ╁  |  | $\vdash$        | $\dashv$ | $\dashv$ | <b>—</b>               | 76       | $\dashv$ | $\dashv$ | +-                 | ╫            | $\vdash$        | $\vdash$ | -+             | $\dashv$ |          | 126        |               |         | ╁╌           | ┢        |          | -            |
|          | 27       | 1       |               | -        | $\vdash$ | ┢  | -  | H               | _        |          |                        | 77       | $\dashv$ |          | $\dashv$           | +            | <del> </del>    |          | $\dashv$       | -        |          | 127        | $\dashv$      | +       | +            | H        |          | +            |
|          | 28       | V       |               |          | -        | <u> </u>   |  | Н               |          | $\dashv$ |                        | 78       | $\dashv$ | 1        | +                  | +            |                 | $\dashv$ | $\dashv$       |          |          | 128        | -+            | +       | +-           | $\vdash$ |          |              |
|          | 29       | 1       |               |          |          |  | <b>-</b>   | Н               | 一        | _        |                        | 79       | 一        | $\dashv$ | $\top$             | 1            | 1               | 7        | $\dashv$       |          |          | 129        |               | Ť       | T            | $\vdash$ | $\dashv$ | $\neg$       |
|          | 30       | -       | 1             |          |          |  | <del>                                     </del> | П               | T        |          |                        | 80       |          |          | 十                  | 1            | Ħ               |          |                |          |          | 130        | $\top$        | T       | T            | Ħ        |          | $\dashv$     |
|          | 31       | 1       |               |          |          |  |  |                 |          |          |                        | 81       |          |          |                    |              |                 |          |                |          |          | 131        |               |         |              |          |          |              |
|          | 32       |         |               |          |          |  |  |                 |          |          |                        | 82       |          |          |                    |              |                 |          |                |          |          | 132        |               |         | 匚            |          |          |              |
| L        | 33       | Ц       | 4_            |          |          | <u> </u>   |  | Щ               |          |          |                        | 83       | _        | _        | ᆚ.                 | _            | $\perp$         |          |                | _        | <u> </u> | 133        |               |         | 上            |          |          |              |
| <u> </u> | 34       | 占       | ╁             | <u> </u> |          | <u> </u>   | Ш  | $\sqcup$        | 4        | _        | <u> </u>               | 84       |          |          | $\perp$            | -            | Ш               |          | $\perp$        | _        | <u> </u> | 134        | $\perp$       | $\perp$ | <u> </u>     | Ш        | $\Box$   | $\perp$      |
|          | 35       | Н       | -             |          |          | <u> </u>   | _  | $\vdash \vdash$ |          | _        |                        | 85       |          | _        | $\bot$             | -            |                 |          | $\dashv$       | 4        | <u> </u> | 135        | $\perp$       | +       | <b> </b>     |          | $\vdash$ | +            |
| <u> </u> | 36       | U       | 4-            | _        | <u> </u> | $\vdash$   |  | $\vdash \vdash$ | -        | $\dashv$ | $\vdash \vdash \vdash$ | 86<br>87 |          | +        | +                  | +            | Н               | -        | +              | 4        | -        | 136<br>137 | +             | +       | <del> </del> | $\vdash$ | $\vdash$ | +            |
| <u> </u> | 37       | 7       | -             | $\dashv$ | -        |  | $\vdash \vdash$                                  | $\vdash \vdash$ | +        | $\dashv$ | <b></b>                | 88       |          | +        | +                  | +            | $\vdash$        |          | <del>-</del> - | $\dashv$ |          | 137        |               | +       | +-           | $\vdash$ | $\dashv$ | +            |
| -        | 39       | -       | _             |          | -        |  | H  | $\vdash$        | +        |          | -                      | 89       | -        | -+       | ┰                  | +            | -               | $\dashv$ | $\dashv$       | $\dashv$ | -        | 139        | +             | +       | $\vdash$     | $\vdash$ | $\dashv$ | +            |
| <b>—</b> |          | -       | +             |          |          | -  |  | +               | $\dashv$ | _        |                        | 90       |          | +        | +                  | +            |                 | $\dashv$ | $\dashv$       | $\dashv$ |          | 140        | $\dashv$      | +       | $\vdash$     |          | $\dashv$ | +            |
|          | 41       | -       | $\vdash$      |          |          |  | H  | $\vdash$        | $\dashv$ | $\dashv$ | $\vdash$               | 91       | $\dashv$ | +        | +                  | +            | $\vdash$        | $\dashv$ | -              | $\dashv$ |          | 141        | -             | +       | +            | H        | $\dashv$ | +            |
| -        | 42       | V       | $\vdash$      |          |          | Т  | Н  | $\vdash$        | 7        | $\dashv$ |                        | 92       |          | 十        | $\top$             | +            | Н               |          | +              | $\dashv$ |          | 142        | $\dashv$      | $\top$  | $\vdash$     | Н        | $\dashv$ | +            |
|          | 43       | 1       | 1             | $\neg$   |          | П  | П  |                 | 7        | $\neg$   |                        | 93       | $\dashv$ | $\top$   | $\top$             |              | П               | $\dashv$ | $\neg$         | $\dashv$ |          | 143        | $\neg \vdash$ | $\top$  |              | $\Box$   | $\neg$   | $\top$       |
|          | 44       |         |               |          |          |  |  |                 |          |          |                        | 94       |          |          |                    | 1            |                 |          | _              | J        |          | 144        |               |         |              |          |          |              |
|          | 45       | $\prod$ |               |          |          |  |  |                 |          |          |                        | 95       |          |          | L                  |              |                 |          |                |          |          | 145        |               | I       |              |          |          |              |
|          | 46       | Ц       | $\Box$        |          |          |  |  |                 | $\Box$   |          |                        | 96       |          | $\Box$   | $oldsymbol{\perp}$ |              |                 |          | $\Box$         | ┚        |          | 146        |               |         |              |          |          |              |
| <u> </u> | 47       | Ц       | $oxed{oxed}$  | _        |          | <u> </u>   | Ш  |                 | _        | _        | igsquare               | 97       |          |          |                    | $\perp$      | Ш               | [        | _              | _        |          | 147        |               |         |              | Ш        |          |              |
| <u> </u> | 48       | Ц,      | $\vdash$      | _        |          | igspace  | Ш  | $\perp$         | _ļ       | _        | $\vdash$               | 98       | _        | $\perp$  | $\bot$             | $\perp$      | Ш               | _        | $\dashv$       | _        | L        | 148        | $\perp$       | $\bot$  | _            | Ш        | _        |              |
| <u> </u> | 49       | V       | $\vdash$      |          |          |  |  | _               | 4        | _        |                        | 99       | _        | +        | +                  | +            | $\vdash \vdash$ | _        | _              | 4        |          | 149        |               | ┿       | ↓_           | Ш        |          | <del>-</del> |
| L        | 50       | V       | ш             |          |          | L  |  |                 | $\perp$  |          | ш                      | 100      | l        |          |                    |              |                 |          |                |          | L        | 150        | L             |         | <u> </u>     | Ш        |          |              |